



## Product Specifications

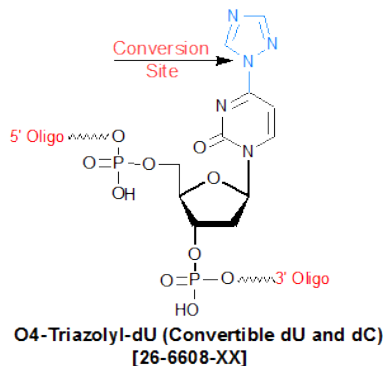
Custom Oligo Synthesis, antisense oligos, RNA oligos, chimeric oligos, Fluorescent dyes, Affinity Ligands, Spacers & Linkers, Duplex Stabilizers, Minor bases, labeled oligos, Molecular Beacons, siRNA, phosphonates Locked Nucleic Acids (LNA); 2'-5' linked Oligos

## Oligo Modifications

For research use only. Not for use in diagnostic procedures for clinical purposes.

### Convertible dU & dC

Category	Convertible Bases
Modification Code	O4-Tri-dU
Reference Catalog Number	26-6608
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	289.18



Gene Link supplies Convertible modified oligos protected with oligo bound to CPG solid support or can conjugate the convertible site to user specified ligand. Convertible dU & dC (O4 Triazolyl dU) monomer

can be used to introduce a variety of modifications at the convertible position, including N, O and S modifications.

The triazolyl pyrimidine convertible nucleosides allow oligonucleotides to be produced containing: 4-thio derivatives for cross linking reactions; 4-amino derivatives for DNA structural research; O4-alkyl derivatives for carcinogenesis studies; and offer the potential for the introduction of <sup>13</sup>C, <sup>15</sup>N and <sup>17</sup>O labels for NMR experiments.

See examples below of Convertible dU & dC (O4 Triazolyl dU) to various amino derivatives.

See this link for Glen Research Technical Report (pdf) for Convertible bases. Convertible Bases.

See this link for Glen Research Technical Report for Convertible bases. Convertible Bases.

#### References

1. A.M. MacMillan and G.L. Verdine, Tetrahedron, 1991, 14, 2603-2616.
2. Y.Z. Xu, Q. Zheng, and P.F. Swann, J. Org. Chem., 1992, 57, 3841.